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⊠ Foe Transmittal Form ☐ Ass	Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number CLOSURES (check all that apply)	January 7, 2000 Stanley T. Crooke 1635 Sean McGarry ISIS0002-102 (ISIS-4313)					
Total Number of Pages in This Submission EN See Transmittal Form	Examiner Name Attorney Docket Number	1635 Sean McGarry					
Total Number of Pages in This Submission EN See Transmittal Form	Examiner Name Attorney Docket Number	Sean McGarry					
Total Number of Pages in This Submission EN See Transmittal Form	Examiner Name Attorney Docket Number						
EN See Transmittal Form		ISIS0002-102 (ISIS-4313)					
⊠ Ege Transmittal Form ☐ Ass	CLOSURES (check all that apply)						
i — (ror	signment Papers an Application)	After Allowance Communication to Group					
☐ Fee Attached ☐ Dra	awing(s)	Appeal Communication to Board of Appeals and Interferences					
Amendment / Response	ensing-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)					
☐ After Final ☐ Pet	lition	Proprietary Information					
	tition to Convert to a ovisional Application	Status Letter					
	wer of Attorney, Revocation ange of Correspondence Address	Other Enclosure(s) (please identify below):					
Express Abandonment Request	rminal Disclaimer quest for Refund	Form PTO/SB/08a and Form PTO/SB/08b; Copy of (3) Cited References; and,					
Supplemental Information	, Number of CD(s)	International Search Report Dated August 23, 2004 for International Application No. PCT/US03/09808.					
Certified Copy of Priority Document(s)	emarks						
Response to Missing Parts/ Incomplete Application							
Response to Missing Parts under 37 CFR 1.52 or 1.53							
SIGNATURE (OF APPLICANT, ATTORNEY, O	DR AGENT					
Firm or Individual name Paul K. Legaard, Ph.D., Re	gistration No. 38,534						
Signature PPKL	2						
Date 14 Stromson 2004							
	CERTIFICATE OF MAILING						
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Date

14 Spanson 2014

Complete if Known

09/479,783

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Application Number

FEE TRANSMITTAL

for FY 2004			Filing Date Janu		Janu	anuary 7, 2000			
Effective 10			First Named Inventor Stan			Stant	tanley T. Crooke		
Effective 10	Effective 10/01/2003. Patent fees are subject to annual revision.					Sean	Sean McGarry		
Applicant	Art Un	Art Unit 1635							
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	003 265 Plant filing fee		1403	290	2403	145	Request for oral	hearing	
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SUBMITTED BY							Com	plete (if applicable)	
Name (Print/Type)	Paul K. Legaard	Registration No. (Attorney/Agent)		38,	534		Telephone	215-665-6914	
Signature	RICE	0					Date	14 Sporm OF	n 2a4
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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Crooke

Serial No.: 09/479,783

Group Art Unit: 1635

Filing Date: January 7, 2000

Examiner: Sean McGarry

For: Oligoribonucleotides And Ribonucleases For Cleaving RNA

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on 14 Stoteman Looy

Paul K. Legaard, Ph.D., Registration No. 38,534

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and in accordance with 37 C.F.R. §§ 1.97 and 1.98, information relating to the above-identified application is hereby disclosed, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO Form SB/08A and PTO Form SB/08B, formerly known as PTO Form 1449 submitted herewith.

Inclusion of the information submitted herewith is not to be construed as an admission that the information is material as that term is defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Ir	his Information Disclosure Statement is being filed:						
	within	three months of the filing date of the patent application.					
	within three months of the date of entry into the national stage as set forth in 37 C.F.R. § 1.491 of the international application.						
	before	the mailing date of a first Office Action on the merits.					
	mailin	after the mailing date of a first Office Action on the merits, but before the mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a Notice of Allowance under 37 C.F.R. § 1.311, and accordingly is accompanied by:					
		the Statement under 37 C.F.R. § 1.97(e) (see "Statement" below);					
		or					
	\boxtimes	the Fee of \$180.00 set forth in 37 C.F.R. § 1.17(p); or					
		No fee is owed by the applicant(s).					
	In acc	ordance with 37 C.F.R. § 1.129(a), this Information Disclosure					
	Statem	nent is being filed in connection with the first or second After					
	Final S	Submission, and accordingly is accompanied by the Statement under 37					
		§ 1.97(e) (see "Statement" below) and the fee of \$180.00 as set forth in F.R. § 1.17(p), is attached.					
	after t	the mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a					
	Notice	of Allowance under 37 C.F.R. § 1.311, but before, or simultaneously					
	with, t	he payment of the Issue Fee, and accordingly is accompanied by the					
	Staten	nent under 37 C.F.R. § 1.97(e), a Petition requesting consideration of the					
	Inform	nation Disclosure Statement and the Petition Fee of \$130.00 set forth in					
	37 C.F	F.R. § 1.17(i)(1) (see "Statement," "Petition," and "Fees" below).					
\boxtimes	A cop	y of the references listed on the attached PTO Form SB/08a and PTO					
	Form	SB/08b, formerly known as PTO Form 1449 is enclosed. Also enclosed					
		py of the International Search Report Dated August 23, 2004 for					
	Intern	ational Application No. PCT/US03/09808.					

EXCE	РТ ТН	AT:
		In view of the voluminous nature of reference @@, and the likelihood that this reference is available to the Examiner, copies are not enclosed herewith.
		In accordance with 37 C.F.R. § 1.98(d), copies of the following references listed on the attached PTO Form SB/08A and PTO Form SB/08B, formerly known as PTO Form 1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application.
		If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.
Statem	ent un	der 37 C.F.R. § 1.97(e)
		dersigned attorney hereby states that each item information contained information Disclosure Statement was cited in a communication from a

Fees

No Fee is owed by the applicant(s).
110 1 cc is office by the applicant(s)

The Information Disclosure Statement Fee of \$180.00 under 37 C.F.R. § 1.17(p) is enclosed herewith.

foreign patent office in a counterpart foreign patent application not more than

three months prior to the filing of the Information Disclosure Statement.

The Petition Fee of \$130.00 under 37 C.F.R. § 1.17(i)(1) is enclosed herewith.

Metho	od of Payment of Fees
	Attached is a check in the amount of \$ This form is
	submitted in duplicate.
\boxtimes	Charge Deposit Account No. 50-1275 in the amount of \$180.00. This form is
	submitted in duplicate.
\boxtimes	Please charge any deficiency or credit any overpayment to Deposit Account
	50-1275.
	No fee or Statement is required under 37 C.F.R. § 1.97(b).

Respectfully submitted,

Paul K. Legaard, Ph.D. Registration No. 38,534

Dated: 14 SUPTEMBON 2004

COZEN O'CONNOR, P.C. 1900 Market Street, 5th Floor Philadelphia, PA 19103-3508 (215) 665-2000 – Telephone (215) 701-2013 - Facsimile

PTO/SB/08A (10-01)

Sean McGarry

ISIS0002-102 (ISIS-4313)

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Substitute for form 1449A/P	Complete if Known					
	Application Number	09/479,783				
INFORMATION DISCLOSURE	Filing Date	January 7, 2000				
STATEMENT BY APPLICANT	First Named Inventor	Stanley T. Crooke				
	Group Art Unit	1635				
(use as many sheets as necessary)	Examiner Name	Sean McGarry				

Attorney Docket Number

Examiner Name

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Sheet

U.S. PATENT DOCUMENTS							
Examiner Cite		Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages Columns Lines Where Relevar		
	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear		
	AO	US-6,107,094	08/22/2000	Crooke			
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	FOREIGN PATENT DOCUMENTS					
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T⁵
						

Examiner Signature	Date Considered	

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Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B(10-01)

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Attorney Docket Number

INFORMATION DISCLOSURE

Substitute for form 1449A/PTO

& TRADE

STATEMENT BY APPLICANT

Complete if Known **Application Number** 09/479,783 Filing Date January 7, 2000 First Named Inventor Stanley T. Crooke Group Art Unit 1635 **Examiner Name** Sean McGarry ISIS0002-102 (ISIS-4313)

(use as many sheets as necessary)

of Sheet 2

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2		
	АР	Struck, "Vaccine R&D Success Rates And Development Times," <i>Nature Biotechnology</i> , May 1996, Vol. 14, pp. 591-593.			
	AQ	Ohtsuka et al., "Recognition By Restriction Endonuclease <i>EcoRI</i> Of Deoxyoctanucleotides Containing Modified Sugar Moieties," <i>J. Biochem</i> , 1984, Vol. 139, pp. 447-450.			
	AR	International Search Report Dated August 23, 2004 for International Application No. PCT/US03/09808.			
<u> </u>					

Examiner	 Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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